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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,464	07/03/2003	Jung-Hwan Kim	240-5	5694

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EXAMINER

INGVOLDSTAD, BENNETT

ART UNIT	PAPER NUMBER
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4178

MAIL DATE	DELIVERY MODE
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10/31/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/613,464	Applicant(s) KIM, JUNG-HWAN	
	Examiner Bennett Ingvaldstad	Art Unit 4178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 3 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 3, the phrase "and so forth" renders the claim indefinite because it is unclear what is included or excluded by the claim language. Further clarification is required.

The following art rejection is applied to Applicant's claims as best understood in view of the 112 2nd paragraph rejection.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Esbensen (US 2007/0022456) in view of Naidoo (US 2002/0147982).

Regarding claim 1, Esbensen discloses a monitoring service process, in which monitoring sites (frame grabbers FG [Fig. 1]) and a monitoring service center (image server [Fig. 1]) are connected to each other via a communication network so as to have the custody of monitoring data, the process comprising the steps of:

- registering the monitoring sites with the monitoring service center (establishing network links [Fig. 1] implies a registration);
- transmitting monitoring image data and sensing signals of monitoring zones, which are imaged and detected by the respective monitoring sites, to the monitoring service center (coordinator, which may be a process residing on the server [0022], receives frames and other data [0012]);

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- receiving the monitoring data transmitted from the registered monitoring sites, classifying the monitoring data according to the monitoring sites and storing the classified monitoring data in the monitoring service center (data from multiple FGs is received and stored [0012]); and
- notifying an event's occurrence to a manager (security personnel are notified of an incident [0012]), set at the above registration (the coordinator handles incident notification [0012], so the security personnel associated with an FG are set when an FG registers with coordinator), of a corresponding monitoring site and transmitting the monitoring image data [...] to a place specified when an event occurs in any of the monitoring sites (images are transmitted to client software [0058])

Esbensen does not further disclose that a predetermined amount of the monitoring image data is transferred.

Naidoo discloses in an analogous art a monitoring service process wherein a predetermined amount of monitoring image data is transferred to a place specified when an event occurs in any of the monitoring sites (video is sent to a security system server for a specified duration [0038])

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the monitoring service disclosed by Esbensen with the teaching of Naidoo's monitoring service for the purpose of automatically providing monitoring personnel with enough information to determine whether an alarm signal is a false alarm (Naidoo [0038]).

Regarding claim 2, Esbensen in view of Naidoo further discloses:

- wherein each monitoring site includes monitoring cameras for monitoring corresponding zones (frame grabbers FG [Esbensen Fig. 1]), a trespass-sensing sensor for detecting a lawless person's trespass upon the monitoring zone (intelligent alarm module able to detect intrusion [Naidoo 0037]), a fire-sensing sensor for detecting a fire breaking out (fire alarm [Naidoo 0036]) and a monitoring client for forming sensing signals inputted from the respective sensing sensors and monitoring data forwarded from the monitoring camera into a preset communication packet and transmitting the communication packet to a monitoring server through the communication network (security gateway transmits sensor and image data to security system server [Naidoo Fig. 2] [0035])

Regarding claim 3, Esbensen in view of Naidoo further discloses:

- wherein the monitoring service center includes a web server (remote client connects to security system server via the Internet [Naidoo Fig. 3]) and a database (security system server/data center [Naidoo Fig. 2] includes automation system server [Naidoo Fig. 7] which may be a database [Naidoo 0095]) , and stores and manages an IP address of the monitoring site, identification and communication of the monitoring site manager, an IP address of a place to which the monitoring data will be transmitted

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when an event occurs (IP addresses are stored because network is IP based [Naidoo 0033], and manager id is stored for authorization [Naidoo 0040]), the quantity of monitoring data to be transmitted and so forth inputted at the registration (quantity of monitoring data to be transmitted is specified by user [Naidoo 0038, 0081] after registering/authorizing [0044])

Regarding claim 4, Esbensen in view of Naidoo further discloses:

- wherein the manager can confirm desired monitoring images after being connected to the monitoring service center and logging in (remote user may connect and view monitoring images after authorization [Naidoo 0044])

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bennett Ingvaldstad whose telephone number is (571) 270-3431. The examiner can normally be reached on M-Th 7-5:30 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hai Tran can be reached on (571) 272-7305. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BI



SCOTT E. BELIVEAU
PRIMARY PATENT EXAMINER